County departments are increasingly relying on computer systems to perform critical operations and services throughout the County of Los Angeles (County). In the past, centralized applications and databases required expensive software systems that ran on large computers. As such, a few gigabytes of data required equipment for storage that filled an entire room. Now, hundreds of gigabytes can fit on a single disk and it is feasible to run multiple modern applications and databases on smaller, faster computer systems that are both energy and cost-efficient.

Using legacy applications, database systems, and other discontinued computer software and hardware for decades past their useful lives can present numerous security vulnerabilities, affect data integrity and service delivery, impede operations, and significantly increase replacement costs. Utilizing outdated software and hardware not only prevents County departments from benefitting from the various features of modern systems software but also tends to result in replacement costs, both financial and

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temporal, that far exceed what would have occurred had the systems been replaced

with more measured frequency. It is important that the age and efficacy of the County's

critical application systems are regularly evaluated to ensure information security,

compatibility, data integrity, and optimal service and operational efficiencies.

I THEREFORE MOVE THAT THE BOARD OF SUPERVISORS:

Instruct the Chief Executive Officer and the Chief Information Officer to report

back in writing in 30 days with recommended options for inventorying, tracking, and

generating reports on the lifecycle and estimated replacement cost of all major and

critical County computer applications within the existing budget authority of any

impacted County department. Recommended options should include the establishment

of an automated database that can be utilized for tracking purposes.

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